

## Line Up

### Incu *i*

Brand name: Atom Infant Incubator 101

Weight monitor	△*2
Pulse oximeter*1	△*2
Oxygen Control	●*3
Humidity control	●*3

\*1: Both Masimo and Nellcor pulse oximeter are available optionally depending on customer's demand.

\*2: △: Add-on unit

\*3: ●: Standard unit

## Specifications

Power requirements	Main body: Customer specified Power consumption: 600VA (Maximum)
Classification	Class I, Type BF
Temperature control (Incubator mode)	Skin temperature setting range: 34.0~37.5°C / 93.2~99.5°F Skin temperature display range: 30.0~42.0°C / 86~107.6°F Incubator air temperature setting range: 23.0~37.0°C / 73.4~98.6°F Incubator air temperature display range: 20.0~42.0°C / 68~107.6°F Heater output: 0~100% (in 10 levels) Alarms: high temperature, set temperature, skin temperature probe
Pulse oximeter	SpO <sub>2</sub> display range: 1~100% SpO <sub>2</sub> Pulse rate display range: 25~240bpm Alarms: SpO <sub>2</sub> high limit, SpO <sub>2</sub> low limit, pulse rate high limit, pulse rate low limit
Humidity control	Relative humidity setting range: 40~95%Rh Relative humidity display range: 15~99%Rh Maximum relative humidity: ≥90%Rh Alarms: humidity sensor, low water level, no water, humidity chamber off, set humidity
Oxygen control	Oxygen concentration setting range: 22~65% Oxygen concentration measurement range: 15~105% Alarms: oxygen sensor, oxygen concentration, oxygen flow rate, oxygen sensor not calibrated
Weight monitor	Weight measurement range: 300~7000g / 0.66~15.4 lb (in automatic mode) Display interval: 1g Weighing mode: manual, automatic
External display	8.5 inches (TFT-LCD)
Dimensions	Main body (with the stand) : 68 (W) × 107 (D) × 138~178 (H) cm Mattress surface: 80~120cm in height Mattress surface (with the weight monitor) : 81.5~121.5cm in height External display: 24.5 (W) × 6.5 (D) × 16 (H) cm Mattress: 65 (W) × 36.5 (D) × 2 (T) cm
Weight	Approx. 100kg Approx. 104kg (With weight monitor)
Accessories	Skin temperature probe ... 1 Pneumoclean (electrostatic filter) ... 1 Dust cover, ..... 1 Access port cover ..... 2 Oxygen sensor ... 2 Piping connecting hose ... 1

# Incu *i*



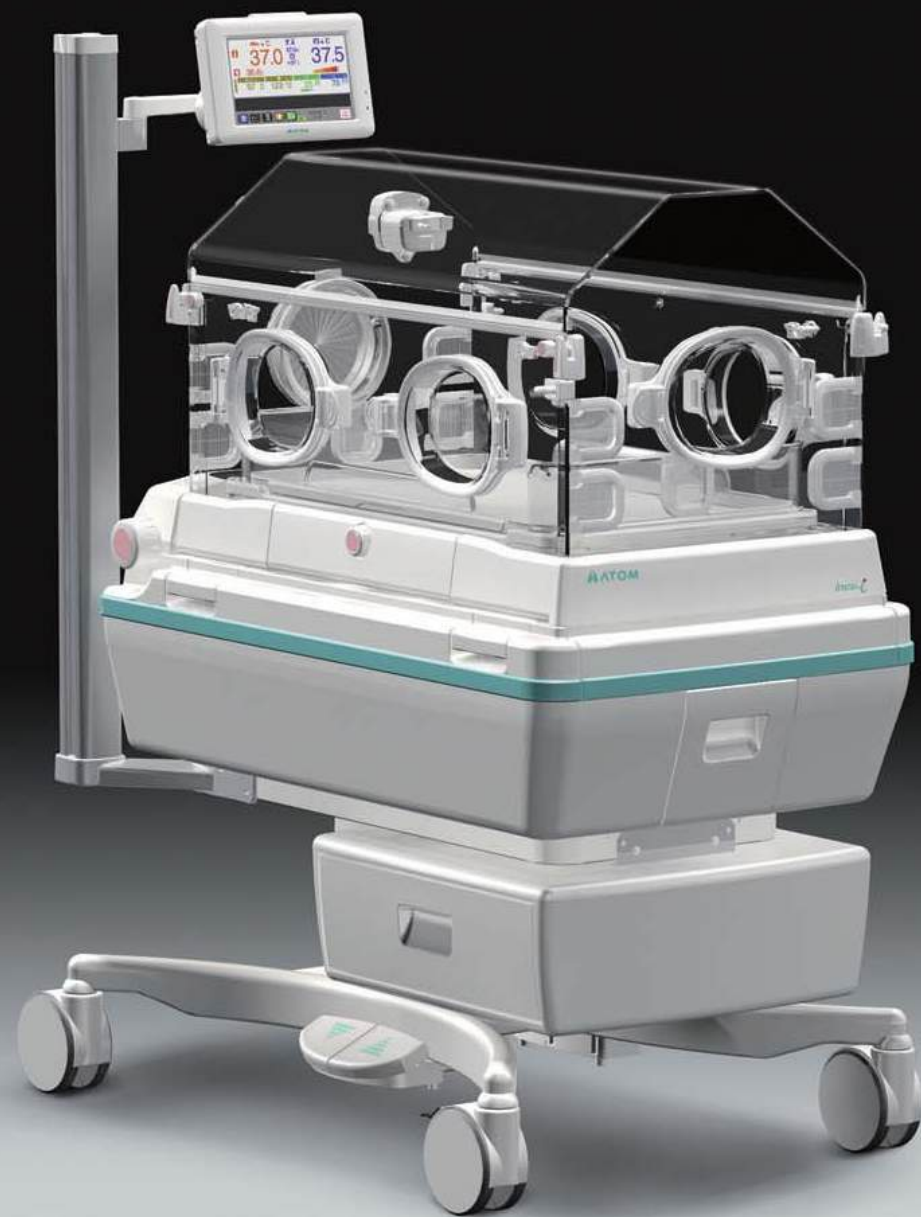
Manufacturer: **ATOM MEDICAL CORPORATION**  
<http://www.atomed.co.jp>

Exporter: **ATOM MEDICAL INTERNATIONAL' INC.**  
Iwakata Bldg., 3-18-16, Hongo, Bunkyo-ku, Tokyo, JAPAN  
Phone: + 81 3 3815 2941 Fax: + 81 3 3812 9670/4080  
URL: <http://www.atom-ami.co.jp>

# New Generation

Incu*i*

Comfortable operation and safety pursued through nurse's viewpoints Standard model to support daily nursing care



\* The drawer shown is optional

Incu*i*

## Operability

*Work efficiency of medical staff is improved.*

### ■ Touch control panel

The touch control panel can be operated smoothly from either side of the incubator with superior visibility.

### ■ Built-in oxygen controller and pulse oximeter\*

The built-in oxygen controller and the pulse oximeter\* support easily and safety administration of oxygen. \*Optional

### ■ Rotary damper for more silent operation of the admittance panel

The admittance panel can be pulled down slowly and silently to reduce the infant's stress from the acoustic stimulation.

### ■ Air curtain to minimize a drop in the incubator air temperature

The air curtain prevents ambient air from entering the incubator even when a snap-open access port is opened.

### ■ X-ray cassette tray to protect the infant from the stress

The X-ray cassette can be drawn out from either side of the incubator without opening the admittance panel.



Touch Control panel



X-ray cassette tray

## Safety

*Safety for the infant is improved.*

### ■ Baby guards

The baby guard can prevent the infant from falling off the mattress.

### ■ Double lock system

The double lock system prevents the admittance panel from opening accidentally.

### ■ Mattress platform tilting knob operable from outside the hood

The mattress platform can be tilted without opening the admittance panel.



Baby guards

## Prevention of infection

*The infant is protected from the risk of infection.*

### ■ Sanitary structure for thorough cleaning of the unit

The component parts of the incubator can be detached and cleaned easily.

### ■ Easily detachable humidity chamber

The humidity chamber can be detached and cleaned easily.

### ■ Electrostatic filter visible from outside the incubator

The condition of filter can be checked for dirtiness from outside the incubator. The replacement of filter is very easy.



Humidity chamber